

The Pileup

Newsletter of the CDXA

It's time to party!

The Holiday Party is almost here. It's going to be December 3rd, with cocktail hour starting at 6:30 and the buffet at 7:15, at The Famous Toastery of Dilworth, Courtyard Shopping Center, 2400 Park Road, Charlotte, NC 28203. The annual elections will take place after dinner. Please RSVP by November 28th, [here](#). A map and directions are [here](#).



| | | |
|--------|---------------|-----------------------------|
| N4QT | Hal Bouton | President |
| W4GRW | Bill Fisher | Vice-Pres. |
| W3ZL | Cliff Wagoner | Sec.-Treas. |
| K4MD | Joe Simpkins | Cluster Mgr. |
| W3OA | Dick Williams | Contest Mgr. |
| W3GQ | Paul Sturpe | W4 QSL Bureau Manager |
| WB4BXW | Wayne Setzer | Webmaster |
| NV4A | John Forbus | Editor |

From the other side...

Bill Turner, W4WNT

Last month we had the CQWW Phone contest and this month is the CW version. You know how the stations that you work sound, but what about your own signal? Many transceivers have a monitor function that lets you hear your voice as it is transmitted but what about the other end of the contact? Luckily there are a couple of DX stations that record all their contacts and make them available on the Internet.

One is the multi-op station in Morocco, CN2R. While looking at the website, you can drool over their antenna farm. On their website, www.cn2r.net, you will find [audio files](#) for contests going back to 2002. Look for the audio files tab, enter your callsign, and a list of all contacts you have made with them will show up. Click on the call and listen to your signal as heard in Africa.

Steve Cole, GW4BLE, also maintains audio files of his contest contacts since 2004 at <http://gw4ble.dxlist.co.uk>. Enter your callsign, hit Play on the list and hear your contact from Wales.

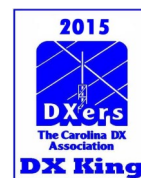
Another monitoring site is Win-Test QSO Player by F6FVY, for QSOs with V47T during this year's CQWW Phone Contest: <http://www.km3t.org/v47t-cqwwssb2015/wtQsoPlayer.php>.

There may be more of these in the future as testers who think they may be in the top three are now being required to record all their contacts in CQ contests.

| CDXA PacketCluster & Other Communication Systems | |
|--|--|
| K4MD (AR Cluster via Telnet) | k4md.no-ip.com |
| W4DXA (AR Cluster via Telnet) | w4dxa.no-ip.com |
| CDXA Repeater 147.18 MHz (+600) | W4DXA, Near Fort Mill, SC |
| World Wide Web Homepage | www.cdxa.org |
| Wednesday Luncheon (11:30 AM) | Skyland Family Restaurant, 4544 South Boulevard, Charlotte, NC |

CDXA Takes 5th Place in 2015 Field Day

Dick Williams, W3OA



DX King News

Dick Williams, W3OA

CDXA, operating W4DXA from the Chester, SC QTH of KI4TZ, took fifth place nationwide in Category 2E with a score of 7,398 points. You can read how we did this on page 1 of the July *Pileup* (<http://www.cdxa.org/pileup/archives/cdxa1507.pdf>).

Here are some different ways to compare our score to others:

W4DXA was 5th among the 47 entries in Category 2E.

W4DXA was 2nd among all 30 entries in the South Carolina Section.

W4DXA was 12th among all 213 entries in the Roanoke Division.

W4DXA was number 112 among all 2,720 entries in all categories.

So it was another successful W4DXA Field Day effort. *Thank You* to all who participated! Field Day 2016 will be June 25 and 26. Put Field Day 2016 on your calendar now!

New Members

CDXA is happy to welcome the following new members:

- Charles Lewis, KY4P, P.O. Box 1109, West Jefferson, NC 28694, 336 977-3986, xanthi@skybest.com.
- Jimmy Barnes, AD4AA, 127 Blackhawk Tr., West Columbia, SC 29169, 803 603-4191, ad4aa@bellsouth.net.
- Lesley Lewis, N3TIA, XYL of KY4P, s9yl@hotmail.com.

The Pileup

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Published monthly 10 times per year, excluding the months of June and December.

The purpose of the association is to secure for the members the pleasures and benefits of the association of persons having a common interest in Amateur Radio.

Members of the CDXA shall adhere to "The Amateur's Code" as published from time to time in *The ARRL Handbook for Radio Amateurs*, and shall consist of those valid licensed amateur operators having an interest in promoting amateur radio. Long distance communications (DX) is of special interest to members of the association, but said interest is not a requirement of membership.

Yearly dues are \$25.00. A second licensed Amateur family member living in the same household can join for \$5.00 for a total family price of \$30.00 per year. The total price for 3 or more licensed family members living in the same household is only \$35.00 per year. All family members enjoy full member status. Dues are payable annually in December by check or through [the CDXA website](http://www.cdxa.org), to the Secretary/Treasurer:

Cliff Wagoner, W3ZL
P. O. Box 577
Davidson, NC 28036

Address, telephone, and email address changes should be directed to the Secretary/Treasurer at the above address or via email at jcw53@cornell.edu.

Item 1: Full details of our DX King Contest and your chances to win an MFJ-891 Giant SWR/Wattmeter are on page 9 of the [January Pileup](#).

Item 2: Here are the reports for the 2015 DX King competition. These are the scores I have as of October 31:

| Call | Category | Countries | Zones | Total |
|-------|-----------|-----------|-------|-------|
| K5EK | Unlimited | 276 | 40 | 316 |
| K7BV | Unlimited | 269 | 40 | 309 |
| AA4SC | Unlimited | 263 | 40 | 303 |
| W3GQ | Unlimited | 252 | 40 | 292 |
| W4HG | Unlimited | 250 | 40 | 290 |
| K8YC | Unlimited | 214 | 40 | 254 |
| W7DO | Unlimited | 206 | 40 | 246 |
| W4UFO | Unlimited | 203 | 39 | 242 |
| K4HC | Limited | 200 | 37 | 237 |
| K4FS | Unlimited | 189 | 40 | 229 |
| W3ZL | Formula | 188 | 37 | 225 |
| N2TU | Unlimited | 187 | 36 | 223 |
| K2SX | Unlimited | 181 | 39 | 220 |
| KI4TZ | Unlimited | 180 | 38 | 218 |
| KZ2I | Unlimited | 170 | 39 | 209 |
| W3OA | Unlimited | 160 | 39 | 199 |
| NK0S | Limited | 156 | 38 | 194 |
| NV4A | Unlimited | 152 | 31 | 183 |
| K2SD | Unlimited | 142 | 31 | 173 |
| N4GBK | Limited | 135 | 32 | 167 |
| K4UWH | Limited | 130 | 36 | 166 |
| W4WNT | Formula | 126 | 30 | 156 |
| K4MLD | Formula | 95 | 27 | 122 |
| K1MIJ | Unlimited | 85 | 25 | 110 |

Item 3: Don't forget to send me (w3oa@roadrunner.com) your DX marathon scores as of the last day of each month after your score reaches 100.

CDXA Will Award Prizes in ARRL Ten Meter Contest

The Ten Meter Contest is just around the corner. Last year our total score was 5,114,306 points putting us 11th among the 35 clubs in the Medium Category. This is a big improvement from our 18th place finish in 2013. But in 2012 we were number eight in that same category. In 2014 we only had 19 entries of the 50 allowed in the Medium Category. So we can improve our standing further just by increasing the number of members entering the contest. To encourage more activity we will again give Outback Steak House gift cards to three top scoring CDXA members and raffle off a fourth among all other CDXA participants making 100 or more QSOs.

More important points:

- Contest starts at 7 pm Friday, December 11th, and ends at 7 pm Sunday. Operate no more than 36 hours.
- Once again the 32 states of Mexico count as multipliers along with the 14 provinces of Canada and the 50 U.S. states plus the District of Columbia. Make sure your logging software is up to date and scores the Mexican multipliers.
- Your exchange is just a signal report and state. DX stations will give you a serial number.
- Review the contest rules at <http://www.arrl.org/10-meter>.
- The top three scoring entries will receive a \$50 Outback Steak House gift card.
- A fourth prize of a \$50 Outback Steak House gift card will be raffled off among other CDXA members who complete 100 or more QSOs. This includes operators at multi operator stations whose score will count for CDXA.
- Only members whose scores are eligible for the club competition (meet the 175 mile criteria) as defined in the contest rules can win the Gift Cards.
- Prizes will be based on claimed scores. You must send your score to w3oa@roadrunner.com by December 17 to be eligible for a prize.

So get on the air and have some fun on Ten Meters.

CQWW CW Is the Weekend After Thanksgiving

Dick Williams, W3OA

The SSB contest was a lot of fun – the high bands were open like last year. Ten meters was especially good and was the highest scoring band for many of our entries. Let's hope the CW weekend is just as good. Last year we were sixteenth among the 64 U.S. entries in the club competition. We need a very strong effort in the CW contest to reach our goal of getting CDXA back to the top ten. Everyone's contribution will help.

The CDXA packet network will have extra capabilities during the contest that allow users to see spots from a world wide network of CW Skimmers. Users will be able to get spots from the traditional Packet Cluster system plus spots from Skimmers in different size geographical areas. These areas can be from one Skimmer to one state all the way up to the whole World. An article on page 7 of the [November 2012 Pileup](#) describes how to do this. There is a change since that article appeared. The spotterCqzone and spotterItuzone filters now work. So if you want to see only spots from spotters in the Eastern U.S. you can use "set dx filter ((not skimmer) or (skimmer and (master or unique>1))) and spotterituzone=8". If you want to see spots from spotters in Eastern North America you can use "set dx filter ((not skimmer) or (skimmer and (master or unique>1))) and spottercqzone=5".

Everyone who operates in the contest should submit their log to CQ to contribute to our Club score. CQ will send you an email confirming receipt. If you didn't get the email, you need to resubmit. Full details on how to do this are in the contest rules at <http://www.cqww.com/rules.htm>. Remember to show "Carolina DX Association" as your Club.

There are a number of changes to the CQWW rules this year. One concerns the use of CW decoders. If you use a computer program or hardware device to decode CW signals you must enter an "assisted" category. Again, see <http://www.cqww.com/rules.htm> for complete details.

The deadline for submitting logs to CQ is Friday after the contest at 2400 UTC, December 4. That's 7 pm EST. But I need your results by Tuesday, December 1, so I can have the CWAC prizes ready to present at our December 3rd CDXA party.

Send me your number of QSOs, number of countries, number of zones, and total score. Additionally, I need your power level (high, low, or QRP) and whether or not you were assisted. And, if you made over 1000 QSOs, your preference for a prize – trophy or Outback Steak House gift card. Send them to w3oa@roadrunner.com.

Some Soapbox Comments from the SSB contest:

AE4VJ: Didn't have too much time to contest and had to work on my 80m loop during the contest. It's always something.

K2SD: Antenna Failure.

K4FS: Wasn't sure I would have the energy to go the distance due to pulling an all nighter for work on Wednesday night but after I got going I couldn't stop. Hi. I made a rookie mistake and had my 10 meter band antenna port pointing to the dummy load so I didn't get onto 10 meters until later in the morning. Amazing what an antenna will do for a dead band. 15 meters was good too, though.

K8YC: Didn't do much contesting. I little on Friday night and Sunday morning for a couple of hours, then from 5:45PM to 8:00PM. Heard only W3OA, W3GQ's raspy voice, NV4A, and AA4R while on the air.

KU4V: Not my usual effort, I had a lot of distractions, but squeaked out something.

KZ2I: Took inverted vees down to replace them with DX-Engineering 1/4 wave 160/80/30 sloper. Installed it per instructions on tower with beam as tophat and a counter wire down side of tower. Piece of **** won't load, SWR mostly infinite. So no 80 and 160 for the contest this year. Have a feeling the inverted Vees are going back up in the tree. Had a good time anyway. 10 was amazingly hot for the supposed downturn in sunspot cycle.

N4PQX: I've been under the weather for a week, not good for a phone contest. Had to take lots of breaks and finally threw in the towel Sunday afternoon, just could not keep from coughing. Conditions seemed real good at times and just fair at other times. Only heard W3OA, W3GQ, KZ2I, and N2TU, hopefully others were on as well. Did not hear N4ZC and I think that's a first.

NV4A: Gee, that was fun ...NOT! Didn't get a lot of time to operate, ...and of course was visited by Murphy. 15m portion of tri-bander had high SWR. ...but 10 and 20 were OK???? If it ever stops raining, maybe I can get the tower down and see what's going on.

W3SA: Only a 273' horizontal loop

W3ZL: Only had a few available hours. 10 was terrific!

W4WNT: Good weekend but only spent seven hours on the air. No ATNOs this time. Primarily using R-7000 vertical.

The Wayback Machine ...or "Who knew??"

The November 9th Google Doodle honoring Hedy Lamarr's 101st Birthday had some surprises (at least for your Editor.) Have a look [here](#). Not only does it portray her as a gorgeous and successful actress, it includes an animation of her, during WWII, drawing plans including something that looked like Morse Code inside the outline of a submarine. A quick trip to Wikipedia brought up this information:



“At the beginning of [World War II](#), intent on aiding the [Allied war effort](#), Lamarr identified [jamming](#) of Allied [radio communications](#) by the [Axis](#) as a particular problem, and with [composer George Antheil](#), developed [spread spectrum](#) and [frequency hopping](#) technology to defeat it. ...Though the [US Navy](#) did not adopt the technology until the 1960s, the principles of her work are now incorporated into modern [Wi-Fi](#), [CDMA](#) and [Bluetooth](#) technology, and this work led to her being inducted into the [National Inventors Hall of Fame](#) in 2014.” (Ed. Note: I left the links in just in just as a fun time killer.)

The Back Page

- The Holiday Party is December 3rd. Be sure to RSVP by November 28th. See Page 1 for details.
- CDXA took fifth place nationwide in Category 2E in the 2015 Field Day. Congratulations to all those who participated, and especially to Dick, W3OA, who put it all together.
- We're nearing the end of the year, which means there isn't much time left to improve your DX King scores. So use the upcoming contests to help boost your scores. Speaking of those upcoming contests:
- CQWW CW is the weekend after Thanksgiving. See details on Page 3.
- The ARRL Ten Meter Contest is right behind it, starting at 7 pm Friday, December 11th. Details are also on Page 3.
- Did you know Hedy Lamarr gets credit for inventing Spread Spectrum communications? Well, I didn't. The Wayback Machine explains, on Page 4.

This is the last *Pileup* for 2015. Happy Holidays, and see you in January.

73,

John, NV4A

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First Class Mail

See something wrong with your address label? Notify W3ZL at once, please.